

Title (en)  
Wind turbine protection

Title (de)  
Windradschutz

Title (fr)  
Protection d'éolienne

Publication  
**EP 2019204 A1 20090128 (EN)**

Application  
**EP 07113032 A 20070724**

Priority  
EP 07113032 A 20070724

Abstract (en)  
The invention relates to lightning protection for wind turbines. A lightning protection system 200 for a wind turbine blade 108 of a wind turbine 100 may comprise a conductive lightning receptor 201 for mounting at the surface 212 of a turbine blade 108 such that a portion of the lightning receptor 201 projects beyond a trailing edge 210 of the turbine blade 108 when mounted at said surface 212 and/or a lightning receptor 201 that has a generally elongated shape and that is configured to be mounted such that the greatest dimension of the lightning receptor 201 lies generally parallel to the direction in which the turbine blade 108 is designed to move.

IPC 8 full level  
**F03D 11/00** (2006.01); **F03D 1/06** (2006.01)

CPC (source: EP)  
**F03D 1/0675** (2013.01); **F03D 80/30** (2016.05); **F05B 2240/30** (2013.01); **Y02E 10/72** (2013.01)

Citation (applicant)  
• WO 9607825 A1 19960314 - BONUS ENERGY AS [DK], et al  
• WO 0177527 A1 20011018 - JOMITEK APS [DK], et al  
• WO 2005071788 A2 20050804 - LM GLASFIBER AS [DK], et al  
• WO 0014405 A1 20000316 - LM GLASFIBER AS [DK], et al  
• JP 2007100658 A 20070419 - EBARA CORP

Citation (search report)  
• [DX] WO 9607825 A1 19960314 - BONUS ENERGY AS [DK], et al  
• [DX] WO 0177527 A1 20011018 - JOMITEK APS [DK], et al  
• [X] WO 2005071788 A2 20050804 - LM GLASFIBER AS [DK], et al  
• [DX] WO 0014405 A1 20000316 - LM GLASFIBER AS [DK], et al  
• [X] JP 2007100658 A 20070419 - EBARA CORP  
• [DA] EP 0718495 A1 19960626 - AUTOFLUG ENERGIETECH GMBH [DE]

Cited by  
CN102345567A; EP2589803A4; US2022034305A1; US11795920B2; US11118571B2; US9136685B2; US8727723B2; US8734110B2; EP2243955A2; US8562296B2

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Designated extension state (EPC)  
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**EP 2019204 A1 20090128**; CN 101354016 A 20090128; JP 2009030597 A 20090212

DOCDB simple family (application)  
**EP 07113032 A 20070724**; CN 200810134361 A 20080724; JP 2008182196 A 20080714